

506.6-EXISTING PAVEMENT REMOVAL:

Removal of the existing pavement may be done by a method of the Contractor's choosing provided he removes the existing pavement full depth, and does not damage the adjacent concrete.

506.7-PLACING CONCRETE:

The concrete shall be placed in the patch using a metal chute; the free fall shall not be more than 3 ft. If the concrete does not fall into its final position in the patch, it shall be moved by means of shovels. Raking is prohibited. The concrete shall be worked with tampers, spades, or others tools to completely fill the patch area. Maximum effort will be used to insure that the area beneath the existing concrete pavement is completely filled; internal vibration will be used.

Following the placing of the concrete, the surface will be struck off to finished grade by means of an adjustable steel or wooden template and floated to a smooth finish.

506.8-METHOD OF MEASUREMENT:

The quantity of concrete pavement repair to be paid for will be the number of square yards complete in place and accepted.

506.9-BASIS OF PAYMENT:

The quantity of concrete pavement repair, determined as provided above, will be paid for at the contract unit price, which shall constitute full compensation for the furnishing, hauling, and placing of all materials, including admixtures, removal and disposal of old concrete, and all labor, tools, equipment, and incidentals necessary to complete the item.

506.10 - PAY ITEM:

ITEM	DESCRIPTION	UNIT
506001-*	CONCRETE PAVEMENT REPAIR	SQUARE YARD (METER)
506002-*	HIGH EARLY STRENGTH CONCRETE PAVEMENT REPAIR	SQUARE YARD (METER)

* Sequence Number

SECTION 507

CRACK AND POTHOLE REPAIR

507.1 - DESCRIPTION:

This work shall consist of repairing an existing concrete pavement surface prior to resurfacing with hot-laid asphalt concrete in accordance with these specifications.

507.2 - MATERIALS:

The materials shall conform to the requirements of the following sections.

MATERIAL	SECTION
Performance Graded Binder	705.5
Fine Aggregate	702.3
Tack Coat	408
Hot-Mix Asphalt Base Course	401

507.3 - CONSTRUCTION METHODS:

All cracks in excess of 1 in. (25 mm), but less than 3 inches (75 mm) in width, shall be thoroughly cleaned of all dirt, debris, loose or other foreign or unstable material and filled with a mixture of sand and asphalt. The asphalt content shall be 5 to 10%. Asphalt mixture shall be applied at a temperature range of 250° to 325° F (120° C to 162° C).

All cracks in excess of 3 inches (75 mm) and all potholes greater than 1 in. (25 mm) in depth, shall be thoroughly cleaned of all dirt, debris, loose or other foreign or unstable material. After cleaning, the cracks and potholes are to be tacked, in accordance with Section 408 of the Specifications, and filled with asphalt concrete base course material in accordance with 401 or as approved by the Engineer.

Prior to resurfacing, all cracks and potholes are to have the same finished grade as the adjacent surfaces.

507.4 - METHOD OF MEASUREMENT:

The quantity of work done for crack and pothole repair will be measured by the actual number of tons (megagrams) of material used for crack and pothole repair and shall include cleaning, tack material, asphalt, sand, asphalt concrete base course complete in place and accepted.

507.5 - BASIS OF PAYMENT:

The quantities, determined as provided above, will be paid for at the contract unit price bid for the item listed below, which price and payment shall be full compensation for furnishing all the materials, and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, supplies, and incidentals necessary to complete the work.

507.6 - PAY ITEM:

ITEM	DESCRIPTION	UNIT
507001-*	BRIDGE WASHING	LUMP SUM
507002-*	CRACK AND POTHOLE REPAIR	TON (Mg)

* Sequence Number